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MINUTES OF GRADUATE COLLEGE CURRICULUM COMMITTEE

#028

October 28, 2011

Present: R. Boody, M. Boyd, S. Coon, C. Lee, J. Li, J. Marshall, F. Thompson, D. Wallace

Absent: J. Bartlett, S. Etscheidt, B. Hawbaker, P. Mackay

Guests: D. Del Carlo, S. Forbes, M. Jacobson, T. Kidd, L. Leutzinger, J. Maxwell, D. Mupasiri, R. Pecan, D. Saunders

The meeting was called to order by Chair Shoshanna Coon at 3:30 p.m. in Lang 115.

I. Introduction and Announcements

Chair Coon welcomed all present, and members and guests introduced themselves.

II. Approval of Minutes

Chair Coon asked members to review GCCC Minutes #027, October 20, 2011.

Boody moved, Marshall seconded to approve minutes.

Question was called on motion to approve minutes as corrected. Motion carried and minutes were approved as corrected.

III. Review of Curriculum Review Procedures

Chair Coon stated College curriculum packets would be reviewed by department as follows: Motion to approve the specified department, a second to that motion, discussion, and vote.

Chair Coon indicated to members that college-approved proposals would be reviewed and evaluated for university-wide impact and compliance with curriculum policies and procedures.

IV. Clean-Up Item - School of Applied Human Sciences

- ▶ TEXDSGN 4016/5016 *Apparel Product Development, Merchandising, and Buying* (remove "g"/5016 number, change title, description and prerequisites)

Chair Coon indicated Howard Barnes, School of Applied Human Sciences, has confirmed the "g"/5016 number can be dropped from this course.

Boody moved, Marshall seconded to approve this revision to TEXDSGN 4016. Motion carried.

V. Review of College of Natural Sciences Curriculum Packet (Graduate)

Chair Coon asked C. Lee to present the College of Natural Sciences graduate curriculum packet.

A. Department of Computer Science

C. Lee moved, Boody seconded to approve Department of Computer Science graduate curriculum packet.

M. Jacobson summarized pertinent graduate curriculum questions/issues within the Department of Computer Science curriculum packet, and motions, discussion, and voting was as follows:

- ▶ CS 3650/5650 *Computing for Bioinformatics II* (change title)

Members expressed no additional questions/concerns regarding this title change.

Discussion concluded. Question was called on the motion to approve. **Motion carried and Department of Computer Science graduate curriculum was approved.**

B. Department of Chemistry and Biochemistry

C. Lee moved, Boody seconded to approve Department of Chemistry and Biochemistry graduate curriculum packet.

S. Coon summarized pertinent graduate curriculum questions/issues within the Department of Chemistry and Biochemistry curriculum packet, and motions, discussion, and voting was as follows:

- ▶ CHEM 4010/5010 *Chemical Safety Seminar* (**new course**)

J. Marshall stated the library was not consulted on this new course, but the library did go ahead and review this course. Marshall confirmed the library had adequate resources to support this course.

- ▶ BIOCHEM 4510/5510 *Biochemistry I* (change hours, description, prerequisites)
- ▶ BIOCHEM 4520/5520 *Biochemistry II* (change hours, description)

It was noted the brackets in the description for both of these courses should be eliminated. D. Wallace will correct abstract.

Discussion concluded. Question was called on the motion to approve, as corrected. **Motion carried and Department of Chemistry and Biochemistry graduate curriculum was approved, as corrected.**

C. Department of Physics

C. Lee moved, Boody seconded to approve Department of Physics graduate curriculum packet.

T. Kidd summarized pertinent graduate curriculum questions/issues within the Department of Physics curriculum packet, and motions, discussion, and voting was as follows:

- ▶ PHYSICS 4310/5310 *Digital Electronics and Robotics* (change prerequisites)
- ▶ PHYSICS 4600/5600 *Classical Mechanics* (change prerequisites)
- ▶ PHYSICS 4700/5700 *Electrodynamics* (change prerequisites)

Members expressed no additional questions/concerns regarding above prerequisite changes.

- ▶ P.S.M. in Applied Physics (restatement)

T. Kidd stated the only change is adding 880:154 as an elective so student requests are not needed.

Discussion concluded. Question was called on the motion to approve. **Motion carried and Department of Physics graduate curriculum was approved.**

D. Department of Earth Science

Chair Coon indicated in the absence of a representative from the department, the Department of Earth Science would be moved to the November 3 clean-up meeting.

E. Department Biology

C. Lee moved, Boody seconded to approve Department of Biology graduate curriculum packet.

D. Saunders summarized pertinent graduate curriculum questions/issues within the Department of Biology curriculum packet, and motions, discussion, and voting was as follows:

- ▶ BIOL 4115/5115 *Comparative Animal Physiology Laboratory* (**drop course**)
- ▶ BIOL 4138/5138 *Vertebrate Physiology Laboratory* (**drop course**)
- ▶ BIOL 4114/5114 *Comparative Animal Physiology* (change hours, description)
- ▶ BIOL 4128/5128 *Cell Biology* (change description)
- ▶ BIOL 4137/5137 *Vertebrate Physiology* (change hours, description)
- ▶ BIOL 4168/5168 *Ecology* (change description)
- ▶ BIOL 4180/5180 *Restoration Ecology* (change description)

Members expressed no additional questions/concerns regarding the above courses.

- ▶ P.S.M. Major in Ecosystem Management (restatement)

D. Saunders indicated the proposed restatement reflects the offering of more course options for students in Group A and Group B.

Discussion concluded. Question was called on the motion to approve. **Motion carried and Department of Biology graduate curriculum was approved.**

F. Science

C. Lee moved, Boody seconded to approve Science graduate curriculum packet.

C. Lee summarized pertinent graduate curriculum questions/issues within the Science curriculum packet, and motions, discussion, and voting was as follows:

- ▶ SCI ED 6500 *Research Methods in Science Education* (**new course**)

J. Marshall indicated there had been an objection to this course from Department of Educational Psychology and Foundations, and asked if this objection had been resolved at the department level.

C. Lee and R. Boody responded "no".

There was no further discussion on this course.

- ▶ SCI ED 6600 *Developing Science Curricula* (change description, prerequisites)

R. Boody asked if 820:190 (SCI ED 3300/SCI ED 5300) was being dropped as a prerequisite.

C. Lee confirmed this course was being dropped as a prerequisite, and students will not be checked as to whether they have had this course.

Chair Coon pointed out it is not uncommon for graduate-level courses to not have prerequisites.

- ▶ SCI ED 3100/5100 *Experiences in Elementary School Science* (change description, prerequisites)
- ▶ SCI ED 3300/5300 *Orientation to Science Teaching* (change description, prerequisites)
- ▶ SCI ED 3500/5500 *Techniques for Science Teachers* (change description)
- ▶ SCI ED 6700 *The History, Philosophy, and Nature of Science* (change description)
- ▶ SCI ED 6800 *Teaching-Learning Models in Science Education* (change description, prerequisites)
- ▶ SCI ED 6900 *Trends and Issues in Science Education* (change description)

Members expressed no additional questions/concerns regarding the above course changes.

- ▶ M.A. Major in Science Education (restatement)

Chair Coon inquired whether there was a partial list of "science content" courses available for students to choose from, so student requests could be avoided.

C. Lee and D. del Carlo responded "science content" courses are difficult to identify and define since some of the courses have generic numbers, are workshops and have no specific number, and some are science education courses that are also content and then can't be used as an elective.

D. del Carlo stated she is looking for a way to be able to compile a list of "science content" courses, but will need to talk with faculty to do so.

Discussion concluded. Question was called on the motion to approve. **Motion carried and Science graduate curriculum was approved.**

G. Department of Industrial Technology

C. Lee moved, Boody seconded to approve Department of Industrial Technology graduate curriculum packet.

J. Maxwell and R. Pecen summarized pertinent graduate curriculum questions/issues within the Department of Industrial Technology curriculum packet, and motions, discussion, and voting was as follows:

- ▶ TECH 4000/5000 *Wind Energy Engineering* (**new course**)
- ▶ TECH 4188/5188 *Digital Imaging II* (**new course**)
- ▶ TECH 6100 *Engineering Cost Analysis* (**new course**)

J. Marshall confirmed Department of Industrial Technology did consult with library on all new courses. Marshall stated she had not seen the consultation on TECH 6100 because of a glitch in the system, but Marshall confirmed Kate Martin had responded to the department's library consultation on this course, and Marshall confirmed the library expressed no concerns regarding resources for these new courses.

- ▶ TECH 6248 *Advanced Power Electronics* (**drop course**)
- ▶ TECH 6296 *Research Design in Industrial Technology* (**drop course**)

Chair Coon pointed out there are 3 new and 2 dropped graduate courses, and asked if the new courses were genuinely "new" courses.

R. Pecen responded these are new courses, and the two courses above were dropped to allow faculty to teach the new courses. R. Pecen also indicated some faculty are teaching courses as overloads.

Chair Coon indicated she is aware the department sometimes runs into problems with courses in the summer.

J. Maxwell responded the department is looking at all courses in the core and has added three new faculty, so this is being addressed in graduate and undergraduate curriculum. J. Maxwell indicated a task force has been assigned to address these issues, and also the department has consulted an advisory board.

- ▶ TECH 4185/5185 *Methods Improvement and Quality Control Assurance in Construction* (change title, description)
- ▶ TECH 3024/5024 *Advanced CAD and Modeling* (change number)
- ▶ TECH 3125/5125 *Commercial and Heavy/Highway Construction* (change description)
- ▶ TECH 3135/5135 *Product Design* (change prerequisites)
- ▶ TECH 3160/5160 *Computer-Aided Instrumentation and Interfacing* (change prerequisites)
- ▶ TECH 4178/5178 *Contemporary Instruction in Technology Education* (change prerequisites)
- ▶ TECH 3190/5190 *Technology Education Teaching Methods* (change prerequisites)
- ▶ TECH 4124/5124 *Mechanical Systems in Construction* (**add "g", change number to add 5124 for "g" level, and change prerequisites**)
- ▶ TECH 4165/5165 *Wireless Communication Networks* (change prerequisites)
- ▶ TECH 4194/5194 *Graphic Communications Estimating and Management* (change title)
- ▶ TECH 6282 *Industrial Technology Seminar* (change title, description)

- ▶ TECH 6292 *Research Methods in Industrial Technology* (change title, description)
- ▶ TECH 7375 *Historical Developments in Industrial Technology* (change title, description, prerequisites)
- ▶ TECH 7377 *Readings in Technology and Society* (change prerequisites)

Chair Coon asked if there was any contextual explanation for these course changes.

R. Pecen responded as follows:

- anything indicating "industrial" was dropped so this is reflected in many of the changes;
- the course *Wind Energy Engineering* was very successful when offered experimentally so it is proposed as a new "g"/5000-level course to attract more students.
- restructuring of M.S. and D.I.T. programs

R. Boody indicated TECH 7375 is changing title, description, and prerequisites and questioned whether this is the same course or a new course.

R. Pecen responded this is an existing course in which additional content from TECH 7376 is being combined into this course. Pecen indicated TECH 7376 is not yet being dropped this curriculum cycle because that course still needs to be available to current students who have not yet taken that course. J. Maxwell concurred, confirming TECH 7375 should retain its current number.

Chair Coon pointed out students who have taken this course previously as TECH 7375 will not be able to take this course again because they want to attain the additional/different content. Coon stated this has been a problem in the past when a student has taken the old version of a course and the new version of that same course, but the student is not allowed to receive credit twice for that course.

J. Marshall indicated it appeared quite a bit had changed in the description for TECH 6292.

R. Pecen responded that TECH 6292 previously had a very generic description, and the department wanted to specify in a semantic way the main objective of the course.

- ▶ M.S. Major in Technology (restatement)

There was discussion to clarify hours and terminology in this restatement of M.S. Major in Technology. As a result of this discussion, the GCCC indicated and department concurred, the following needed to be updated in abstract.

D. Wallace will clarify/correct abstract as follows:

- In the paragraph preceding course requirements, delete "Students who select thesis option must complete 6 semester hours of TECH 6299 Masters Thesis Research."
- Add line indicating "Emphasis 9 hours"
- Delete "(advisor approved 9 hours)" listed behind Emphasis A, and "(9 hours)" listed behind Emphasis B and C
- Core 22 hours (not 34 hours); emphasis 9 hours; electives 3 hours
- Emphasis A Engineering Management - delete "advisor approval"
- Emphasis A - delete "within the university" and insert "approved by department"
- Electives - delete "graduate classes that have a mix of" and "A maximum of nine credits from 5000-level courses are allowed."

Chair Coon stated student requests will be needed for courses that are used for electives.

J. Marshall questioned whether all responses to consultations had been received.

It was noted consultation had been done with Department of Educational Psychology and Foundations, Department of Mathematics, and Department of Psychology. The Department of Educational Psychology and Foundations expressed no objection, the Department of Mathematics expressed "has impact - has objections", and a reply from Department of Psychology had not yet been received.

Members concurred replies to all consultations were needed before action could be taken on the restatement of the M.S. in Technology.

- Doctor of Industrial Technology (**change of degree to Doctor of Technology** and restatement)

R. Pecen noted the following in regards to this restatement:

- changed to 12 hours of Research (had been 15 hours)
- changed to 21 required hours (had been 18 hours)
- supporting course work remained the same because the department didn't want to have hidden prerequisites.

It was noted the following clarifications were needed in restatement for the core hours, since the total for the core is 21 hours. D. Wallace will update abstract:

- Under core, after TECH 6282 add "(3 hrs.)" and delete "TECH 6282 Technology Seminar must be taken in three semesters.....3 hours"
- after PSYCH 6001 or STAT 6772 delete "....3 hours"

It was noted department was waiting on consultation response from Department of Psychology.

Members concurred a reply to consultation was needed before action could be taken on the restatement of the D.I.T.

Chair Coon cited Item #3 under *Admission to Candidacy*, "*Students who do not comply with [1] and [2] above are likely to be forfeiting their admission to the D.T. degree program*", and asked if this has been a problem in the past.

R. Pecen responded "yes". As an example, he indicated sometimes international students do not take care of prerequisites and all provisional items (i.e., technical writing).

Members questioned whether this Item #3 statement meant that students would be changed to non-degree status. J. Maxwell and R. Pecen responded "yes".

Boyd asked if students take a candidacy exam at end of first semester, to which R. Pecen responded "no".

Boyd offered the following suggestion as a possible replacement for #2 under *Admission to Candidacy*: "*Students admitted to the program with deficiencies must remediate those deficiencies within their first year or by the end of their first year of study.*"

J. Maxwell and R. Pecen concurred with Boyd's suggested language.

Discussion concluded.

C. Lee and Boody agreed to an amendment to the original motion, to approve Department of Industrial Technology **courses**. Question was called on this amended motion. **Motion carried and Department of Industrial Technology courses were approved.**

C. Lee moved, Boody seconded to table the restatements of the M.S. Major in Technology and restatement of D.I.T. to clean-up sessions to allow for consultation issues to be resolved. Question was called on the motion to table. Motion carried and M.S. and D.I.T. restatements were tabled to clean-up session.

- Change in name of department from Department of Industrial Technology to Department of Technology [Note from UCC secretary: The Department of Industrial Technology is requesting a name change to *Department of Technology* and this was in the abstract as a matter of information. This name change needs to be approved by both Faculty Senate and the Board of Regents.]

H. Department of Mathematics

C. Lee moved, Boody seconded to approve Department of Mathematics graduate curriculum packet.

D. Mupasiri and L. Leutinger summarized pertinent graduate curriculum questions/issues within the Department of Mathematics curriculum packet, and motions, discussion, and voting was as follows:

- ▶ MATH 6208 *Contemporary Assessment in Mathematics Education* (**new course**)
- ▶ MATH 6215 *Geometric Content and Pedagogy for Teachers* (**new course**)
- ▶ MATH 6230 *Reflective Teaching-Cognitive Demand of Mathematical Tasks* (**new course**)
- ▶ MATH 6231 *Reflective Teaching-Classroom Discourse* (**new course**)
- ▶ MATH 6232 *Reflective Teaching: Meaningful Distributed Instruction* (**new course**)
- ▶ MATH 6235 *Reflective Teaching: Investigation of Classroom Practice* (**new course**)
- ▶ MATH 6234 *Reflective Teaching: Leadership* (**new course**)
- ▶ MATH 6410 *Foundations of Calculus* (**new course**)

J. Marshall stated library consultation had only been done for the new courses MATH 6208 and MATH 6215, but library consultations for the above remaining new courses are in progress. Marshall indicated the remaining responses from the library will be completed by next week.

Mupasiri indicated the Mathematics Department is in a unique situation in that it has its own library, since they do not want the UNI library to have to deal with the fast changing needs in Mathematics.

Marshall pointed out that students taking courses online don't have access to the Mathematics Department library and the database services through the UNI library are used heavily. Marshall indicated the curriculum handbook indicates that departments should consult with the library on all new courses, so the library is given the opportunity to provide essential feedback on library resources for the course(s).

Mupasiri indicated the demand on the UNI library should be minimal, but concurred the Mathematics Department should have consulted with the UNI library on all these new courses.

Chair Coon and members concurred the new courses could be approved pending positive response from library on consultations.

- ▶ MATH 3211/5211 *Introduction to Algebraic Thinking for Elementary Teachers* (**drop "g"** and change prerequisites)

Mupasiri confirmed the "g"/5211 number was to be dropped from this course.

- ▶ MATH 6201 *New Developments in Middle Grades Mathematics* (change title, description, add prerequisites)
- ▶ MATH 6204 *Contemporary Mathematics Curricula* (**change number from MATH 3205/5205 to MATH 6204**, change hours, description, prerequisites)
- ▶ MATH 6205 *Teaching Rational Numbers* (change title, hours, description, add prerequisites)
- ▶ MATH 6203 *Issues and Problems in Teaching Mathematics in the Middle Grades* (change title, description, prerequisites)
- ▶ MATH 6210 *Technology in Middle Grades Mathematics* (change hours, and add prerequisites)
- ▶ MATH 6212 *Teaching Algebra in the Middle Grades* (change title, hours, description, and prerequisites)
- ▶ MATH 6381 *Current Research in School Mathematics* (change title, description, and prerequisites)

Boody pointed out that for each of the above proposed course changes at least 3 items and sometimes all four items for the course are being changed, and questioned whether these are really new courses.

Chair Coon stated that students who have taken these courses previously under the old title, content, etc., because they want to attain additional/different content, will not be able to take this course again and receive credit twice.

Mupasiri responded he did not see this as a potential problem, since this is a cohort program and it is unlikely that students will go back to take course again.

It was asked if the reason for changing the number for MATH 3205/5205 to MATH 6204 was so this course could only be taken by graduate students.

Mupasiri responded "yes". He added that this was done in response to 2008 external reviewers who expressed that the previous course design was inefficient and the department needed to take core courses truly important to the program and review for common core across tracks. Mupasiri indicated this resulted in a lot of "reshuffling".

Chair Coon questioned what course undergraduates will take and, in effect, would that be duplicative.

Mupasiri responded it is not duplicative if it is on different levels.

D. Wallace asked for confirmation on the numbers for MATH 6203 and MATH 6212 since the form/abstract appeared to request for a change of number on these courses but that was not mentioned in the justification. Upon review, Mupasiri and Leutzinger confirmed the numbers should remain as they currently are. D. Wallace will correct abstract.

C. Lee questioned with the addition of several new courses and the increase in hours for several courses, whether the department had faculty to teach these courses/additional hours.

Mupasiri responded "yes". It was also pointed out that several of these new courses are currently being taught under a *Seminar* or *Studies in* course so faculty resources already exist for the course.

► M.A. Major in Mathematics-Community College Teaching (**new emphasis**)

Mupasiri stated this is a new emphasis only in the sense that it was not part of the UNI curriculum, but Iowa has always certified this in the past. Mupasiri indicated the State has now dropped this certification so this new emphasis in Mathematics-Community College Teaching is a way for students to show completion on their transcript. Mupasiri indicated Iowa State University and University of Iowa do not have this.

► M.A. Major in Mathematics for the Middle Grades (restatement)

► M.A. Major in Mathematics-Secondary Teaching Emphasis (restatement)

► M.A. Major in Mathematics (restatement of opening information)

Total hours for the major restatements were confirmed and members had no additional questions/concerns regarding these restatements or the restatement of opening information.

Discussion concluded. Question was called on the motion to approve, as corrected and pending positive library consultation on new courses.. **Motion carried and Department of Mathematics graduate curriculum was approved, as corrected and pending positive library consultation on new courses.**

This concluded review/approval of the College of Natural Sciences graduate curriculum packet, **with the exception of postponed items listed below.**

VI. Clean-Up on Reading Recovery Courses - Department of Curriculum and Instruction

- LITED **7308** *Reading Recovery Teacher Clinical I* (**new course**) - **number will be changed to LITED 6301**
- LITED **7309** *Reading Recovery Teacher Clinical II* (**new course**) - **number will be changed to LITED 6302**

Chair Coon invited Mike Licari to join GCCC for this portion of meeting to follow up on discussion of the above two courses which had been originally discussed at GCCC meeting October 14 and were postponed to later meeting. Salli Forbes also was present for this discussion.

M. Licari and S. Forbes confirmed these two new courses are being proposed as 6000-level courses, not 7000-level courses.

Licari stated he had visited with Forbes and feels comfortable and confident that the structure and goals of the Reading Recovery Program can be set up appropriately and also meet all the quality checks in curriculum. Licari stated this is a high quality graduate experience, and only faculty with graduate status or associate faculty graduate status will be teaching these courses. Licari noted these courses are not all offered on campus, but there are a lot of UNI courses like that.

Coon provided this explanation, and Forbes concurred:

- The **Trainer** is Salli Forbes (highest level of teaching - doctoral)
- Salli Forbes/**Trainer** teaches the **Teacher Leaders** (M.A.E. and minimum 18 hours)
- After the 18 hours of Teaching Recovery Teacher Leader courses, the **Teacher Leaders** teach the **Reading Recovery Teachers** (minimum bachelor's degree and teacher certification, and chosen by their school districts)

It was indicated this models our adjunct faculty.

Following Licari's explanation and the clarification that these courses would be 6000-level, GCCC members expressed no additional questions/concerns.

Thompson moved, Boody seconded to approve the new courses LITED 6301 and LITED 6302. Question was called on the motion. **Motion carried and new courses LITED 6301 and LITED 6302 were approved.**

VII. Curricular Items **Tabled/Postponed/Pending/Deferred**

(Originally discussed at October 7 meeting - moved to November 3 clean-up meeting)

Psychology Department

PSYCH 6409 and PSYCH 6410

[library consultation needed]

PSYCH 6410 *Child and Adolescent Psychopathology and Evidence-Based Treatment*

PSYCH 3603/5603 *Child and Adolescent Psychopathology*

[Review and revise the titles for one or both of these courses to more clearly differentiate the courses/level of the courses.]

M.A. Major in Psychology - Individualized Study Emphasis

[revise emphasis to reflect appropriate minimum hours needed for this emphasis]

(Moved to November 3 clean-up meeting)

Marketing Department - All graduate curriculum proposals

[Chair Coon indicated in the absence of a representative, the Department of Marketing would be moved to the clean-up meeting Thursday November 3.]

(Moved to November 3 clean-up meeting)

Sociology, Anthropology, and Criminology Department - all graduate curriculum proposals

[Note: At department request, the Department of Sociology, Anthropology, and Criminology graduate curriculum packet will be postponed until clean-up meeting Thursday November 3.]

(Moved to November 3 clean-up meeting)

School of HPELS

[Chair Coon indicated in the absence of a representative from the Divisions of , the following divisions within HPELS would be moved to the clean-up meeting Thursday November 3.]

Division of Health Promotion and Education

- HPE 4125/5125 *Aging and Health* (change description)
- HPE 4431/5431 *Worksite Health Promotion* (change description)
- HPE 4161/5161 *Global Health Corps Mission* (change title)
- HPE 4162/5162 *Introduction to Women's Health* (change description)
- HPE 4378/5378 *Health Advocacy, Social Action and Policy Development* (change description)
- HPE 4297/5297 *Global Health Domestic Practicum* (drop course)
- HPE 4328/5328 *Selected Topics in Women's Health* (change description)
- HPE 6245 *Internship in Health Education* (change prerequisites)
- Doctor of Education: Community Health Education *Intensive Study Area* (drop intensive study area)

Division of Athletic Training

- AT 6240 *Evidence Based Rehabilitation Practice I* (change title, description)
- AT 6250 *Evidence Based Rehabilitation Practice II* (change title, description)
- M.S. - Major in Athletic Training (restatement)
- Doctor of Education: Rehabilitation Studies *Intensive Study Area* (drop intensive study area)

Division of Leisure, Youth and Human Services

- LYHS 4339/5339 *Nonprofit Leadership Practicum* (change description)
- LYHS 4553/5553 *Trends and Issues in Outdoor Recreation* (change prerequisites)
- Doctor of Education: Allied Health, Recreation and Community Services *Intensive Study Area* (**renaming** and restatement of Leisure, Youth & Human Services intensive study area)

HPELS - Interdepartmental

- HPELS 6210 *Quantitative Methods In HPELS* (change description, prerequisites)
- HPELS 6215 *Qualitative Methods in HPELS* (change title, description)
- **HPELS or LYHS 7410** *Critical Theories and Practices in Leisure, Youth and Human Services I* (change description, prerequisites) - also need clarification on which prefix is to be assigned
- **HPELS or LYHS 7412** *Critical Theories and Practices in Leisure, Youth and Human Services II* (change title, description, prerequisites) - also need clarification on which prefix is to be assigned
- **HPELS or LYHS 7999** *research and Evaluation Seminar* (change description) - also need clarification on which prefix is to be assigned

(Moved to November 11 clean-up session)

Languages and Literatures Department

[M.A. Major in English - list of electives]

[Additional course proposals are in progress and will be coming forward after approved by college]

(Moved to November 3 clean-up session)

Communication Sciences and Disorders Department

CSD 3140/5140 *Introduction to Neurogenic Disorders* (**new course**)

[Revise Form D to respond to Items 3b and 3c]

CSD 6800 *Fluency Disorders* (**new course**)

[Revise Form D to respond to Item 3a]

(Moved to November 3 clean-up session)

Industrial Technology Department

M.S. Major in Technology (restatement)

D.I.T. (restatement)

(Moved to November 3 clean-up session)

Mathematics Department

MATH 6230 *Reflective Teaching-Cognitive Demand of Mathematical Tasks* (**new course**)

MATH 6231 *Reflective Teaching-Classroom Discourse* (**new course**)

MATH 6232 *Reflective Teaching: Meaningful Distributed Instruction* (**new course**)

MATH 6235 *Reflective Teaching: Investigation of Classroom Practice* (**new course**)

MATH 6234 *Reflective Teaching: Leadership* (**new course**)

MATH 6410 *Foundations of Calculus* (**new course**)

[Approved pending positive library consultation. Note: MATH 6208 and 6215 consultation already completed.]

Chair Coon announced the next meeting will be **Thursday, November 3, 2:00 p.m., Lang 115**, at which time **Interdisciplinary graduate programs and graduate clean-up items** will be reviewed.

There being no further business, meeting adjourned at 5:40 p.m.

Respectfully submitted,
Diane Wallace, GCCC secretary

dmw